

**TOTAL POPULATION**  
**6,019,929**

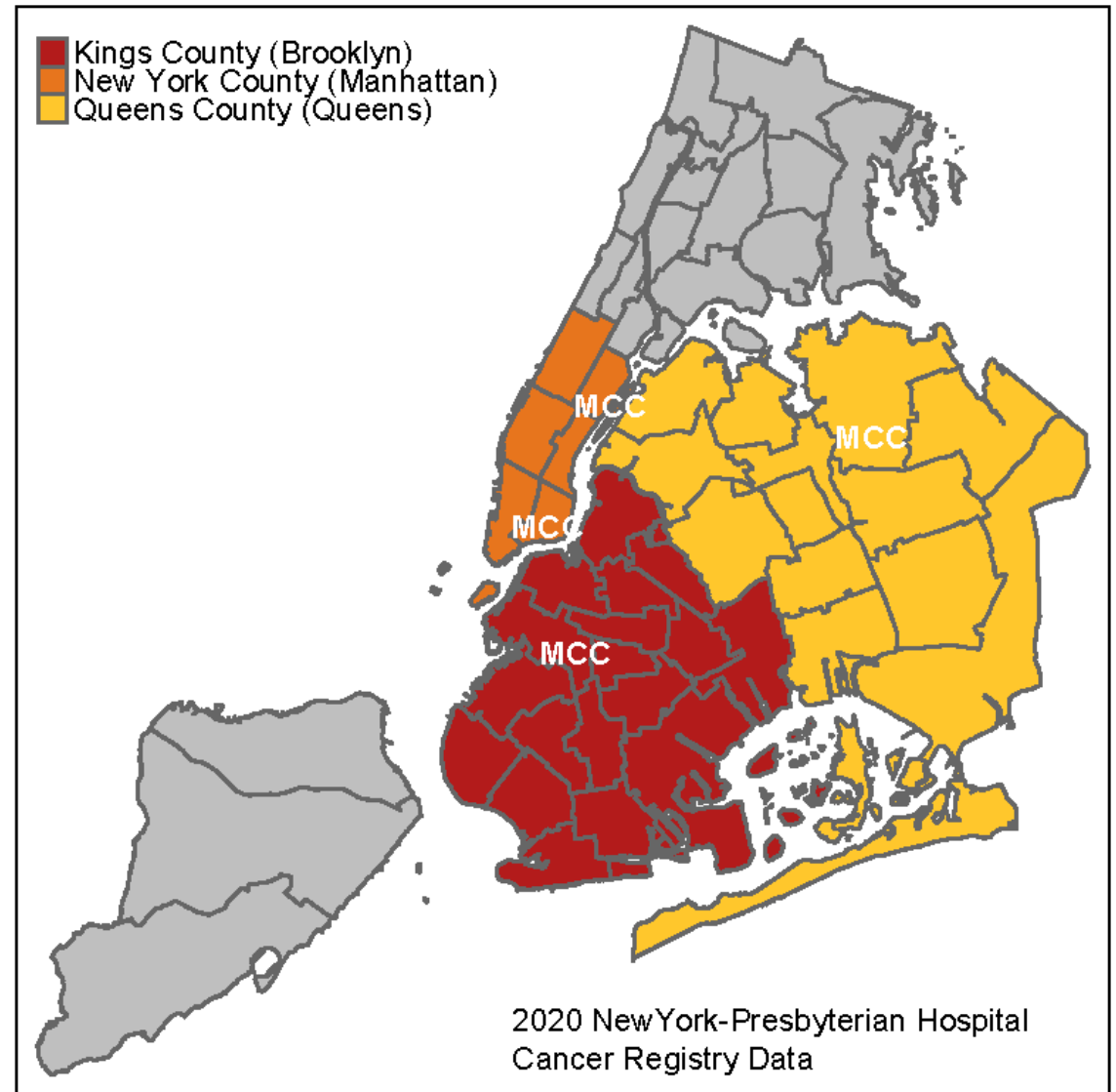
**RACE AND ETHNICITY**

36.5%	White
21.5%	Hispanic
20.6%	Black or African American
19%	Asian, Native Hawaiian & other Pacific Islanders
2.4%	American Indian / Alaska Native
	Additional races
	Two or more races

**POPULATION CHARACTERISTICS**

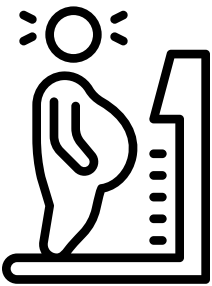
39%	Born outside US
17.3%	Household income below federal poverty level
16.2%	Less than a high school diploma or equivalent
12.6%	Uninsured
11.8%	Unmet Medical Care
5.5%	Unemployment rate

**MCC Catchment Area**

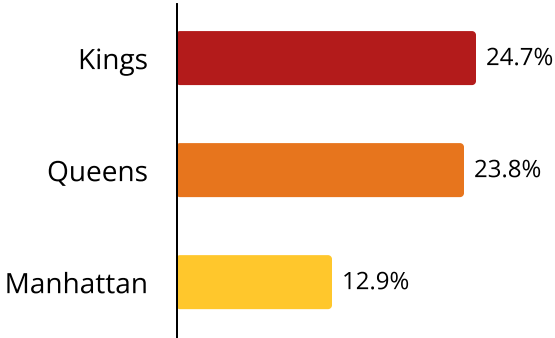


The 'catchment area' (colored areas above) is a center-defined geographic area where MCC aims to serve in the research we conduct, the communities we engage, and the outreach we perform. While 74% of MCC's yearly analytic cancer cases reside throughout our catchment area, the proportions that reside in Brooklyn and Queens are higher than Manhattan. Within our catchment area, there are several high priority neighborhoods where we especially target outreach secondary to disproportionate cancer burden in that area.

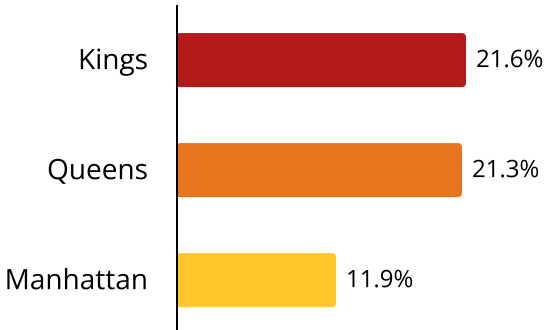
# Behavioral Risk Factors by County



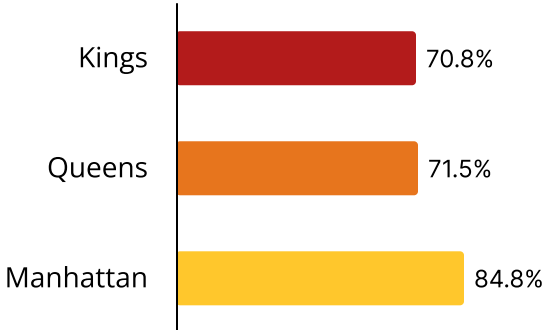
**Obesity**



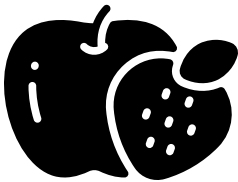
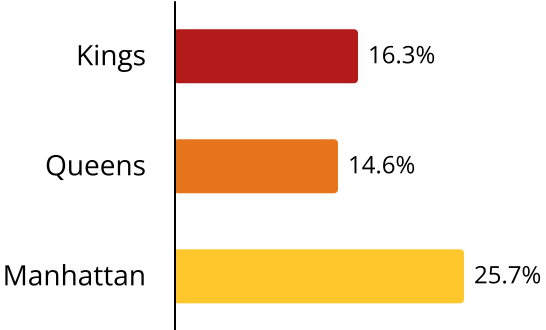
**Sugary Drink Consumption**



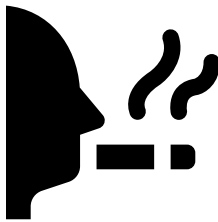
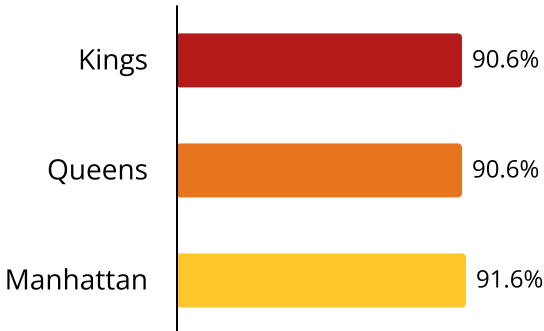
**Physical Activity**



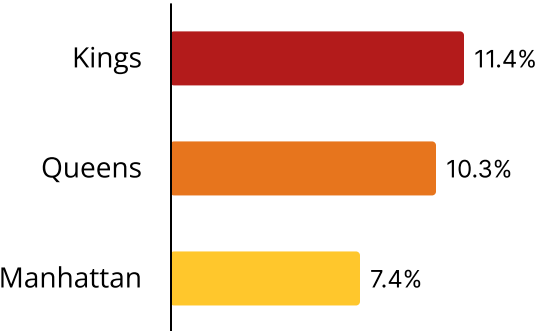
**Heavy Drinking (Binge Drinking)**



**Fruit and Vegetable Consumption**



**Current Smoker**



Data Source: NYC Community Health Survey (Accessed 9/12/2023)  
 Note: The MCC Catchment area in Manhattan includes Battery Park City, Greenwich Village & Soho; Chinatown & Lower East Side; Chelsea, Clinton & Midtown, Murray Hill; Gramercy & Stuyvesant Town; Upper West Side & West Side; Upper East Side

# Cervical, Breast, and Colorectal Cancer Screenings by County

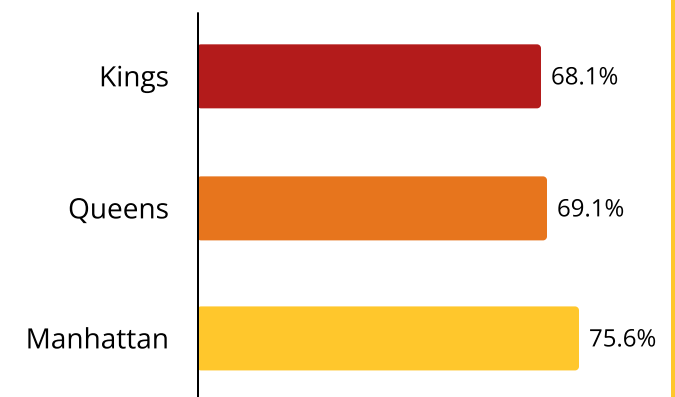
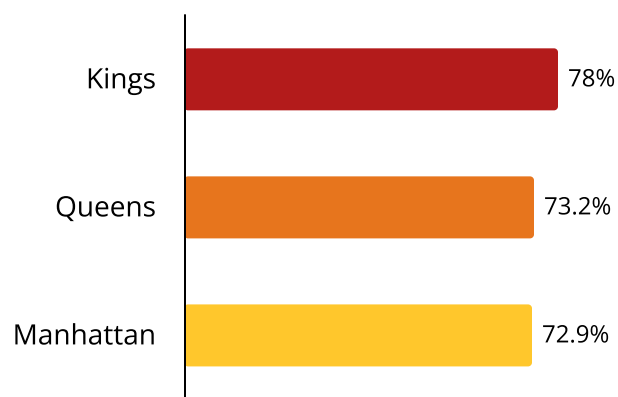
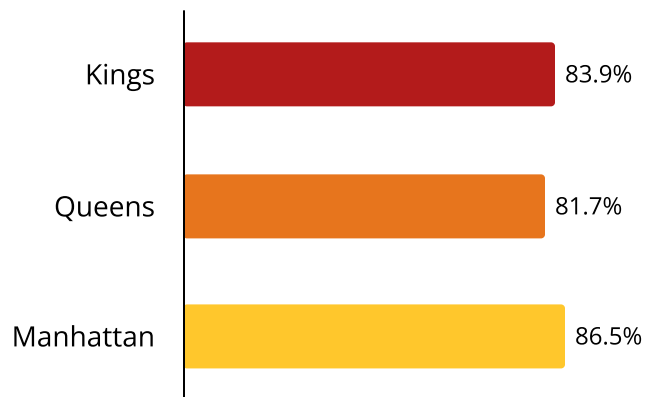
Pap test in past 3 years  
(women 18-65)



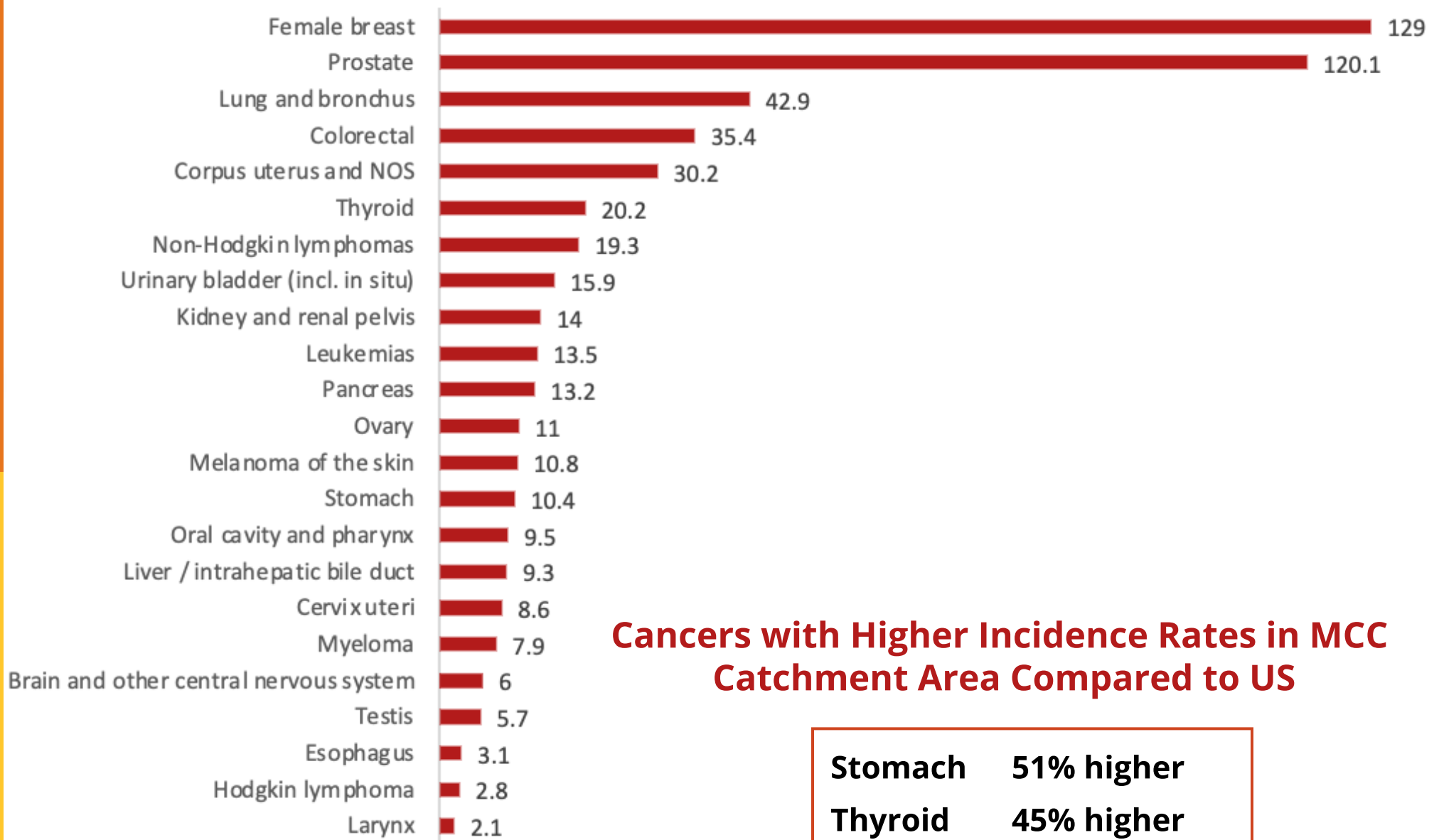
Mammogram in past 2 years  
(women  $\geq 40$ )



Colonoscopy in past 10 years  
(adults aged 50 and older)



# Age-adjusted Cancer Incidence Rates in MCC Catchment Area Per 100,000 Persons



## Cancers with Higher Incidence Rates in MCC Catchment Area Compared to US

Stomach	51% higher
Thyroid	45% higher
Cervical	12% higher
Myeloma	11% higher

# Disparities in New Cancer Cases in MCC Catchment Area by County

## Kings Compared to MCC Manhattan\*

Cervix uteri	63% higher
Stomach	62% higher
Myeloma	37% higher
Colorectal	30% higher
Liver / intrahepatic bile duct (men)	28% higher
Kidney and renal pelvis	22% higher
Lung and bronchus (men)	18% higher
Prostate	10% higher



## Queens Compared to MCC Manhattan\*

Stomach	79% higher
Cervix uteri	63% higher
Colorectal	25% higher
Kidney and renal pelvis	21% higher

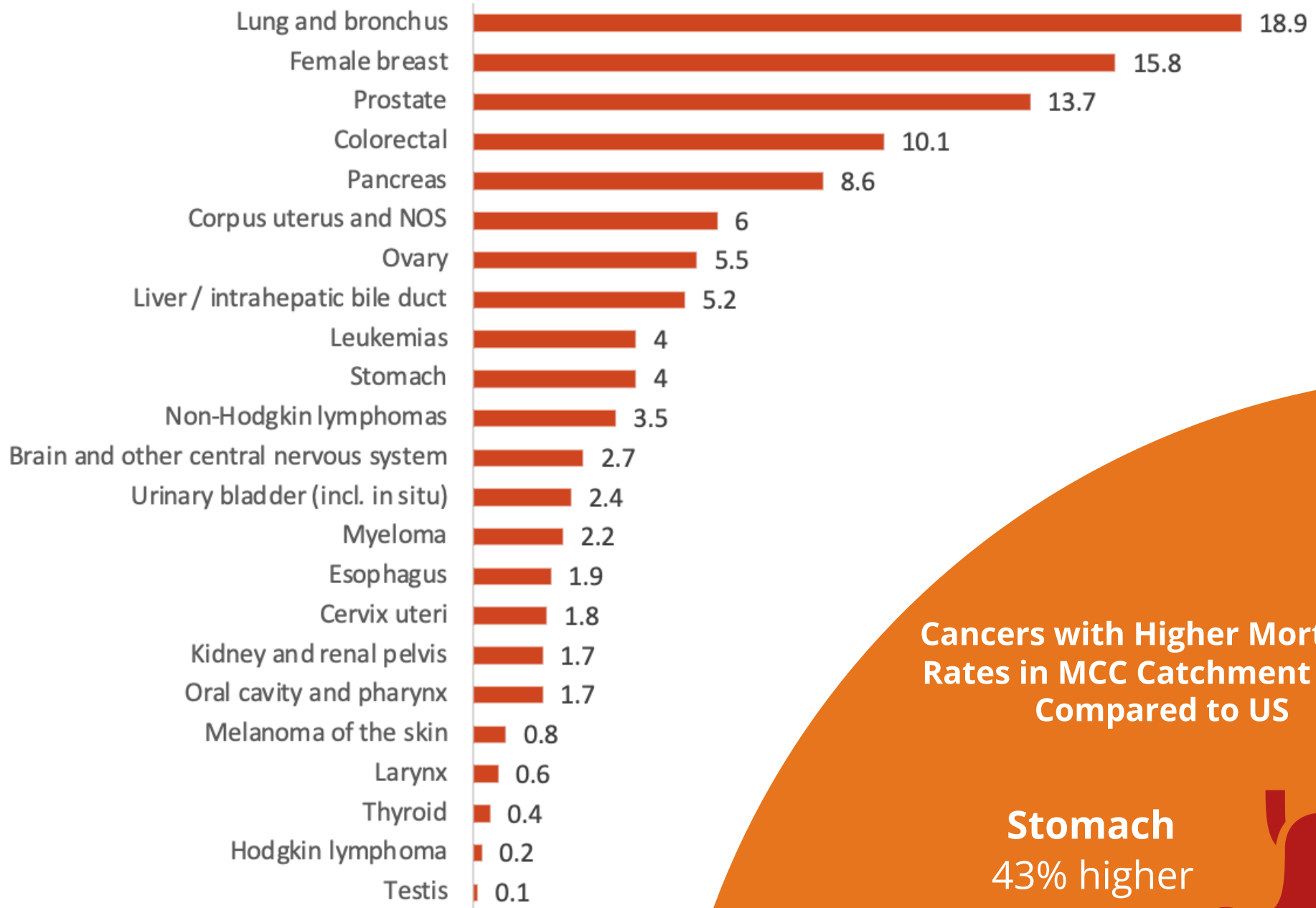


Data Source: NY state Registry SEER Stat data, Year 2016-2020 (Accessed 5/25/2023)

Note: Rates are age standardized using Census 2000 population. The number of new cancers per 100,000 people

\*The MCC Catchment area in Manhattan includes Battery Park City, Greenwich Village & Soho; Chinatown & Lower East Side; Chelsea, Clinton & Midtown, Murray Hill; Gramercy & Stuyvesant Town; Upper West Side & West Side; Upper East Side

# Age-adjusted Cancer Mortality Rates in MCC Catchment Area Per 100,000 Persons

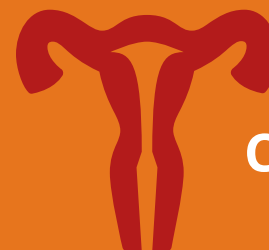


**Cancers with Higher Mortality Rates in MCC Catchment Area Compared to US**

**Stomach**  
43% higher



**Corpus uterus and NOS**  
18% higher



# Disparities in Cancer Death Cases in MCC Catchment Area by County

## Kings Compared to MCC Manhattan\*

Cervix uteri	110% higher
Stomach	81% higher
Corpus uterus and NOS	73% higher
Colorectal	46% higher
Female breast	36% higher
Liver / intrahepatic bile duct	33% higher
Prostate	31% higher
Lung and bronchus	14% higher



## Queens Compared to MCC Manhattan\*

Cervix uteri	90% higher
Stomach	50% higher
Colorectal (women)	26% higher



Data Source: NYC DOHMH, Vital Statistics, Year 2016-2020 (Received 6/8/2023)

Note: Rates are age standardized using Census 2000 population. The number of new cancers per 100,000 people

\*The MCC Catchment area in Manhattan includes Battery Park City, Greenwich Village & Soho; Chinatown & Lower East Side; Chelsea, Clinton & Midtown, Murray Hill; Gramercy & Stuyvesant Town; Upper West Side & West Side; Upper East Side

# Racial/Ethnic Disparities for Cancer Mortality in MCC Catchment Area

## Hispanic Adults Compared to Non-Hispanic White Adults

Cervix uteri	83% higher
Liver / intrahepatic bile duct	60% higher
Hodgkin lymphoma	50% higher
Stomach	41% higher

## Non-Hispanic Black Adults Compared to Non-Hispanic White Adults

Prostate	155% higher
Cervix uteri	133% higher
Corpus uterus and NOS	127% higher
Myeloma	81% higher
Stomach	52% higher
Larynx	50% higher
Liver / intrahepatic bile duct	41% higher
Colorectal	40% higher
Female breast	26% higher

## Non-Hispanic Other\* Adults Compared to Non-Hispanic White Adults

Liver / intrahepatic bile duct	97% higher
Stomach	93% higher
Cervix uteri	33% higher
Oral cavity and pharynx	24% higher

### Data Statement:

The Office of Community Outreach Engagement acknowledges that race is a social and political construct with no biological basis. This report presents the categories and labels as they were reported in their original data sources. These categories do NOT reflect the more important characteristics of geographic origin, ancestry, shared history, language, or beliefs, which are stronger determinants of health. Thus, we caution researchers' utilization of the terms race and ethnicity as biological determinants and encourage referring to them in their true context which are social determinants often more reflective of structural racism in the United States. We encourage those less familiar with the appropriate way of reporting these terms in your scientific writings to read the reference below.

Flanagin A, Frey T, Christiansen SL, AMA Manual of Style Committee. Updated Guidance on the Reporting of Race and Ethnicity in Medical and Science Journals. JAMA. 2021;326(7):621-627. doi:10.1001/jama.2021.13304

Data Source: NYC DOHMH, Vital Statistics, Year 2016-2020 (Received 6/8/2023)

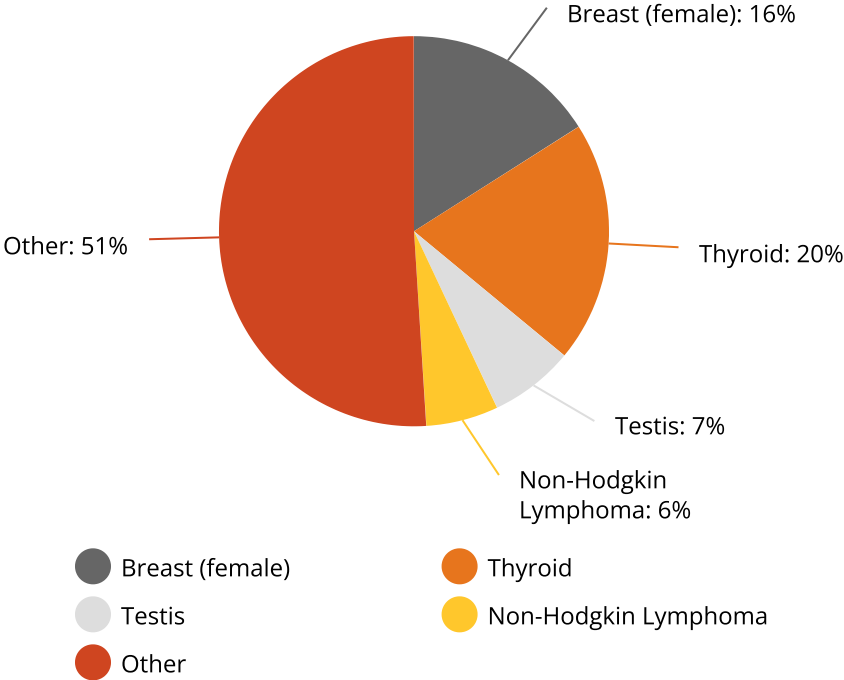
Note: Rates are age standardized using Census 2000 population. The number of cancer deaths per 100,000 people.

\*Individuals of Non-Hispanic ethnicity who identified as Asian, Native Hawaiian, Pacific Islander, Indigenous American or two or more races were included as "Non-Hispanic Other" due to restrictions to report fewer than 5 cancer mortality events per PUMA.



# Adolescents and Young Adults (AYAs), ages 15-39, 2016-2020

Common Types of New Cancers Among AYAs in MCC Catchment Area

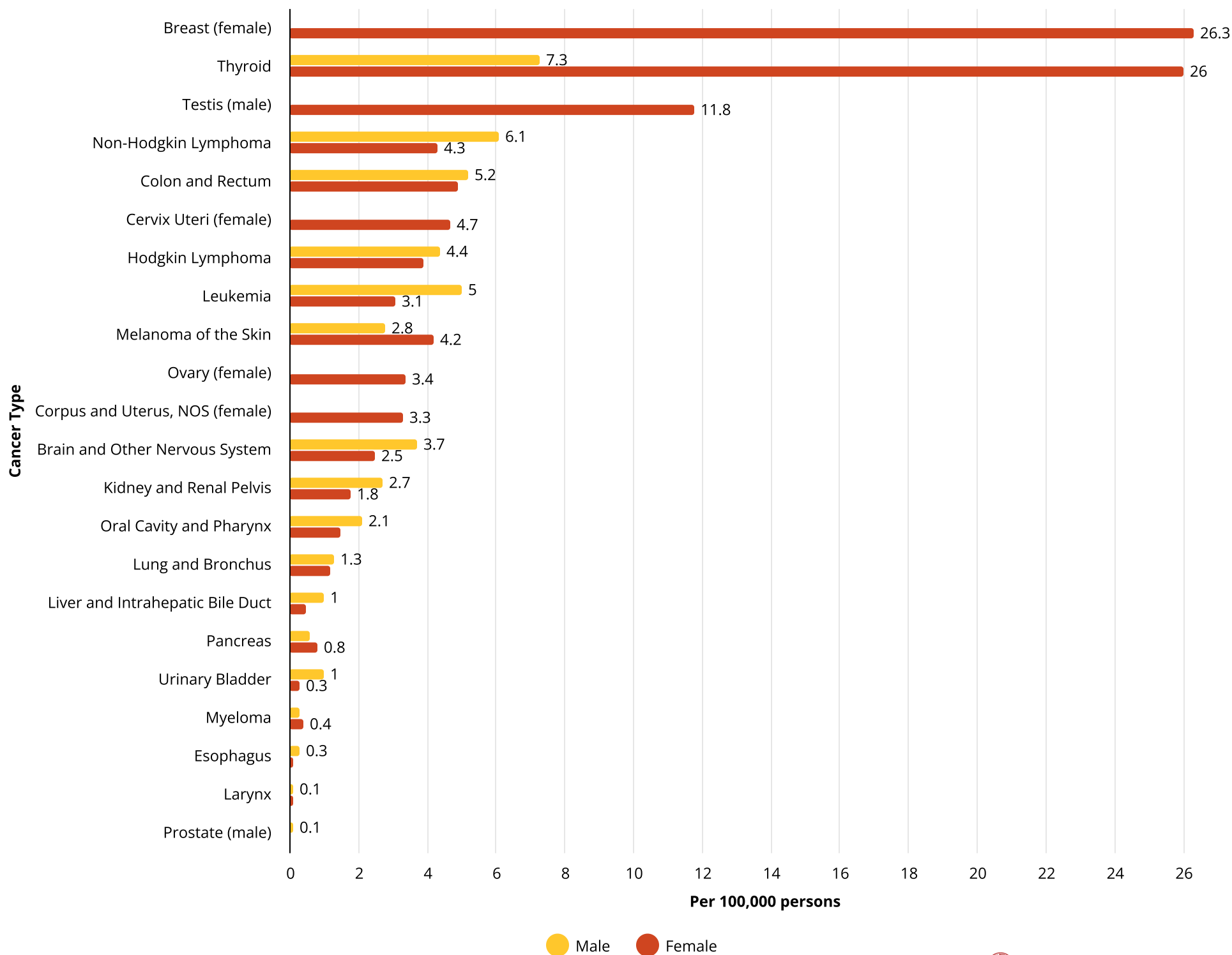


Common Cancer Types Causing Death Among AYAs in MCC Catchment Area

*Pending Data from New York City Department of Health and Mental Hygiene, Vital Statistics*

Data Source : NY state Registry SEER Stat data, Year 2016-2020 (Accessed 2/9/2024). Distribution based on age-adjusted rates of new cases (age adjusted rates per 100,000 people using Census 2000 population).

# Rates of New Cancer Cases in MCC Catchment Area by Cancer Type and Sex Among AYAs, ages 15-39, 2016-2020



Data Source : NY state Registry SEER Stat data, Year 2016-2020 (Accessed 2/9/2024).

Note: Rates are age standardized using Census 2000 population. The number of new cancers per 100,000 people.

# Definitions

<b>Born Outside of the US</b>	Percentage of people born outside the U.S. or U.S. territories (U.S. territories include Puerto Rico, American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, and the U.S. Virgin Islands) or abroad to a U.S. citizen parent or parents
<b>Current Smoker</b>	Percentage of adults ages 18 and older who report being current smokers (smoking at least 100 cigarettes and now report smoking every day or some days)
<b>GED / High school degree or higher</b>	Percentage of adults ages 25 and older with General Education Development (GED), a high school diploma or educational degree above a High School diploma (Associate's, Bachelor's, or Graduate or professional degree)
<b>Fruit and Vegetable Consumption</b>	Percentage of adults ages 18 and older who report eating one or more servings of fruits and/or vegetables in the last day
<b>Health Insurance</b>	Percentage of adults ages 18 and older who report not having health insurance coverage
<b>Heavy Drinking (Binge Drinking)</b>	Percentage of adults ages 18 and older who report binge drinking (5 or more drinks for men and 4 or more drinks for women on one occasion during the past 30 days)
<b>Highest Level of Education Achieved</b>	Percentage of adults ages 25 and older whose highest level of education is less than a high school diploma or GED; Percentage of adults ages 25 and older who have a high school diploma or a high school diploma and some college; Percentage of adults ages 25 and older who obtained an educational degree above a High School diploma (Associate's, Bachelor's, or Graduate or professional degree)
<b>Obesity</b>	Percentage of adults ages 18 and older who have obesity (Body Mass Index of 30 or greater) based on self-reported height and weight
<b>Physical Activity</b>	Percentage of adults ages 18 and older who report participating in any physical activity in the last 30 days
<b>Poverty</b>	Percentage of residents living below 100% of New York City's calculated poverty threshold based on income and necessary expenses
<b>Sugary Drink Consumption</b>	Percentage of adults ages 18 and older who report drinking one or more 12 ounce sugar-sweetened beverage (sodas, fruit punch, sweet iced tea, sports drinks, etc.) on average per day
<b>Unemployment</b>	Percentage of the civilian (non-military) labor force (ages 16 and older) who are unemployed
<b>Unmet Medical Care</b>	Percentage of adults ages 18 and older who report not getting needed medical care at least once in the past 12 months

# Priority Neighborhoods in MCC Catchment Area\*

## Manhattan

Upper East Side

Lower East Side

## Brooklyn

Bedford-Stuyvesant

Coney Island

Crown Heights North

Crown Heights South

East Flatbush

Flatbush

## Queens

Long Island City

Jackson Heights/Corona

Jamaica

Ridgewood

Flushing

## Upper East Side, Manhattan



White  
73.5%



Asian  
11.4%



Black/African American  
2.7%



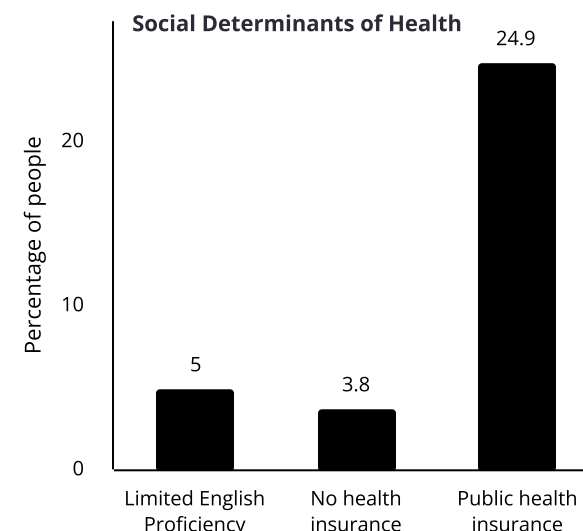
Hispanic/Latino  
8.0%



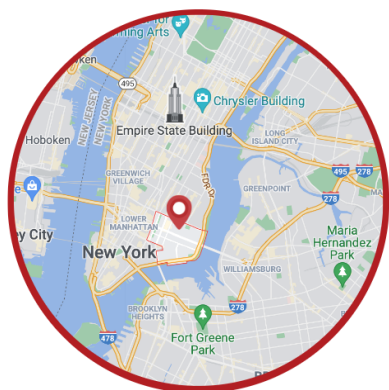
Multi-race, other  
4.4%

24%  
Foreign Born

6%  
Below poverty line



## Lower East Side, Manhattan



White  
33.7%



Asian  
30.8%



Black/African American  
7.8%



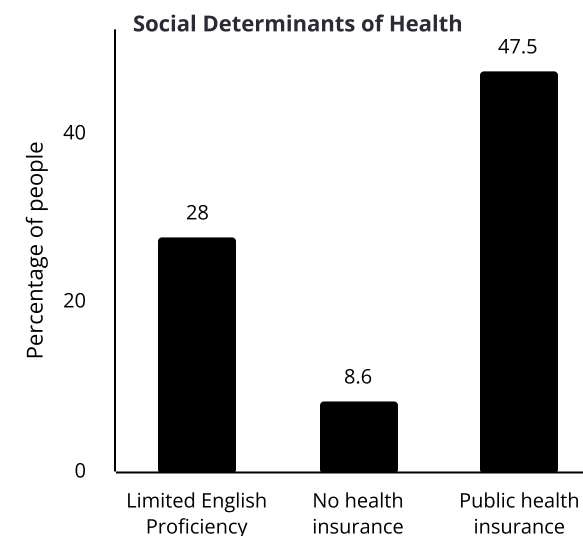
Hispanic/Latino  
23.7%



Multi-race, other  
4.0%

34%  
Foreign Born

22%  
Below poverty line



\*Priority neighborhoods were identified by cross-referencing NYP hospital admission data, established outreach programs & neighborhood cancer burden

Data source: NYC DOHMH, Community Health Survey; U.S. Census Bureau, American Community Survey, Census-2020. Google Maps (Accessed 1/16/2022)

# Crown Heights North, Brooklyn



White  
28.7%



Asian  
5%



Black/African  
American  
45.9%



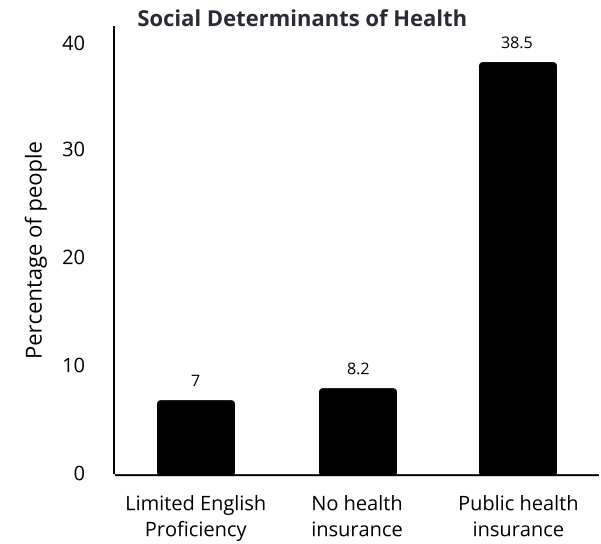
Hispanic/  
Latino  
13.1%



Multi-race,  
other  
7.3%

27%  
Foreign  
Born

21%  
Below  
poverty  
line



# Crown Heights South, Brooklyn



White  
28%



Asian  
2.6%



Black/African  
American  
51.8%



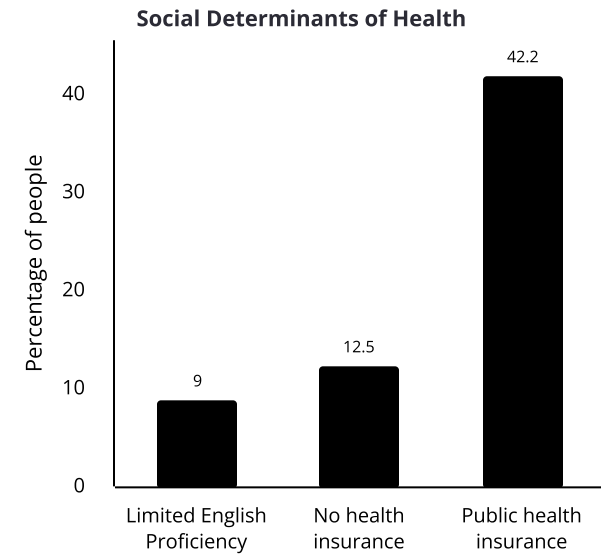
Hispanic/  
Latino  
10.3%



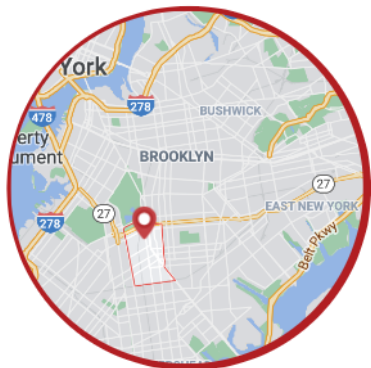
Multi-race,  
other  
7.3%

40%  
Foreign  
Born

21%  
Below  
poverty  
line



# Flatbush, Brooklyn



White  
37.5%



Asian  
13%



Black/African  
American  
28.2%



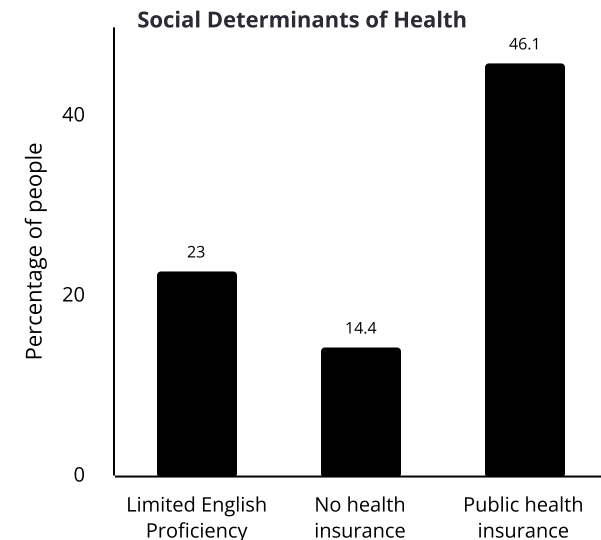
Hispanic/  
Latino  
15%



Multi-race,  
other  
6.3%

41%  
Foreign  
Born

19%  
Below  
poverty  
line



# East Flatbush, Brooklyn



White  
3.6%



Asian  
1.9%



Black/African  
American  
78.4%



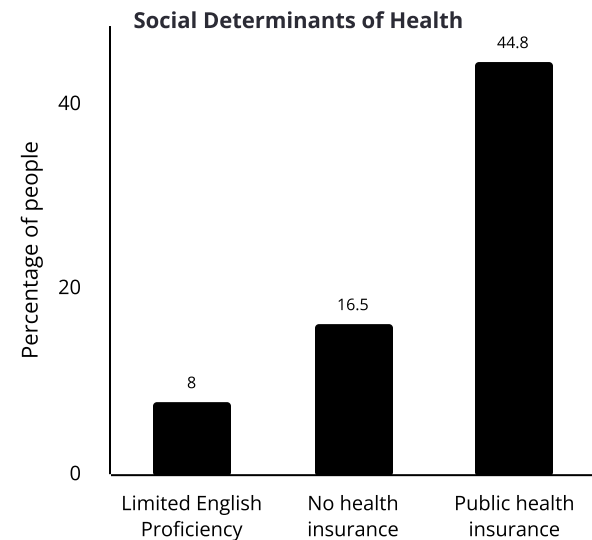
Hispanic/  
Latino  
8.2%



Multi-race,  
other  
8%

52%  
Foreign  
Born

16%  
Below  
poverty  
line



# Coney Island, Brooklyn



White  
51.7%



Asian  
16.5%



Black/African  
American  
12%



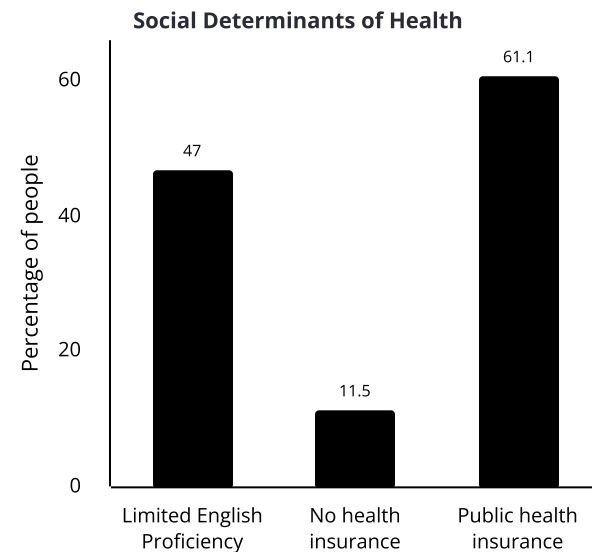
Hispanic/  
Latino  
16.1%



Multi-race,  
other  
3.7%

53%  
Foreign  
Born

24%  
Below  
poverty  
line



# Bedford-Stuyvesant, Brooklyn



White  
26.6%



Asian  
4.6%



Black/African  
American  
43.8%



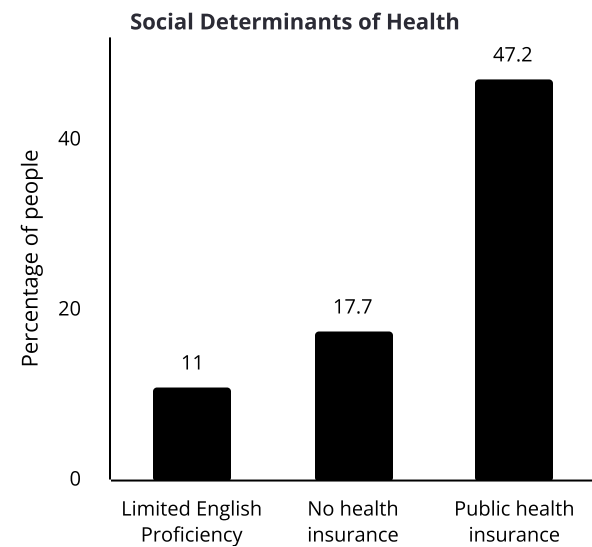
Hispanic/  
Latino  
18.7%



Multi-race,  
other  
6.3%

19%  
Foreign  
Born

21%  
Below  
poverty  
line





# Jamaica, Queens



White  
1.8%



Asian  
15.2%



Black/African  
American  
53.9%



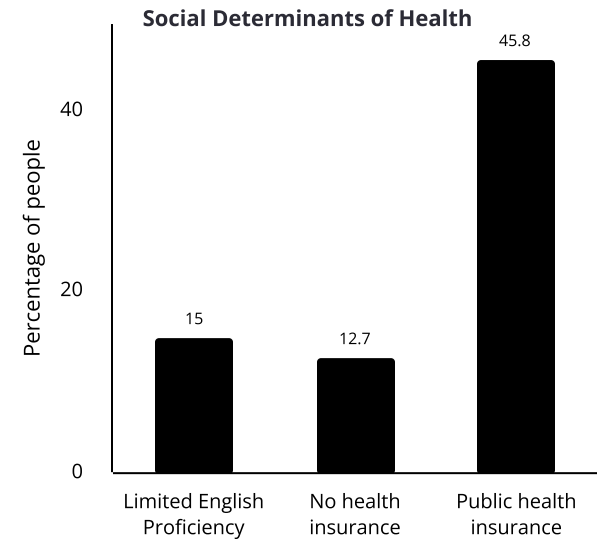
Hispanic/  
Latino  
18.1%



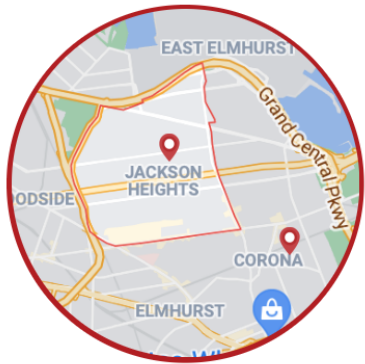
Multi-race,  
other  
11%

43%  
Foreign  
Born

17%  
Below  
poverty  
line



# Corona/Jackson Heights, Queens



White  
9.8%



Asian  
19.2%



Black/African  
American  
4.9%



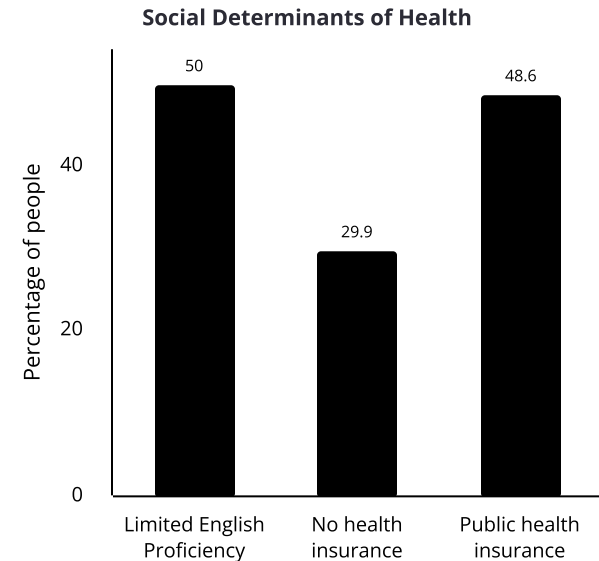
Hispanic/  
Latino  
63.3%



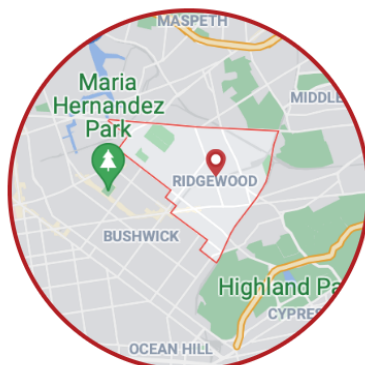
Multi-race,  
other  
2.7%

59%  
Foreign  
Born

22%  
Below  
poverty  
line



# Ridgewood, Queens



White  
48.1%



Asian  
10.8%



Black/African  
American  
2.2%



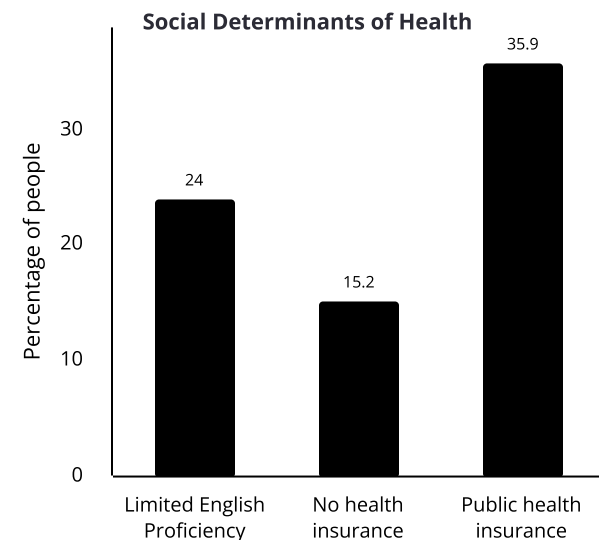
Hispanic/  
Latino  
36%



Multi-race,  
other  
2.9%

39%  
Foreign  
Born

15%  
Below  
poverty  
line



# Flushing, Queens



White  
20.7%



Asian  
57.3%



Black/African  
American  
2%



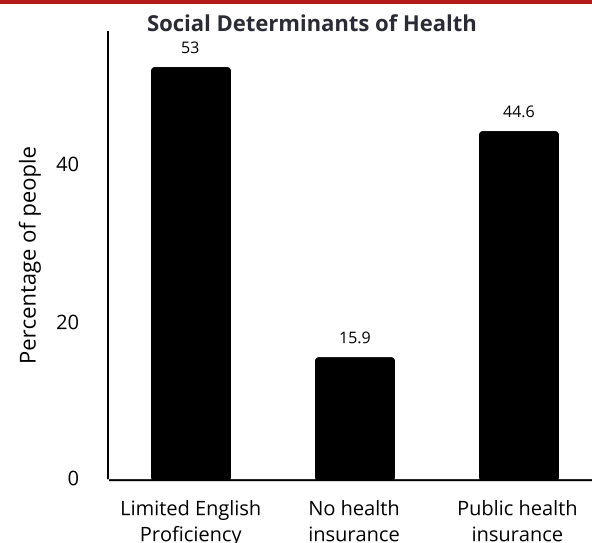
Hispanic/  
Latino  
18.1%



Multi-race,  
other  
1.9%

**57%**  
**Foreign  
Born**

**24%**  
**Below  
poverty  
line**



# Astoria/Long Island City, Queens



White  
46%



Asian  
15.2%



Black/African  
American  
7.8%



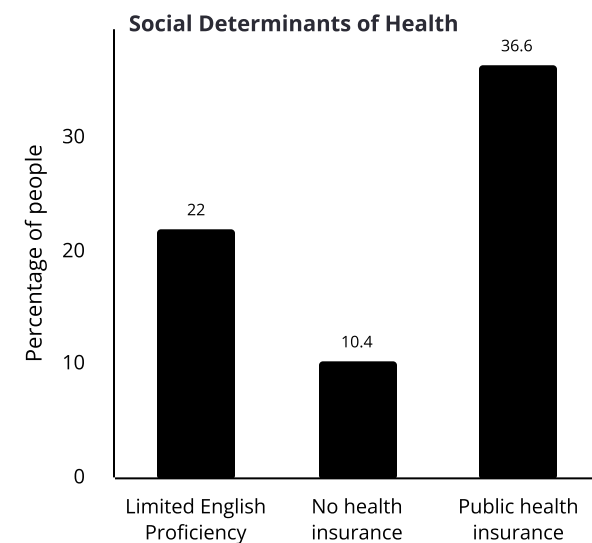
Hispanic/  
Latino  
25.4%



Multi-race,  
other  
5.5%

**38%**  
**Foreign  
Born**

**16%**  
**Below  
poverty  
line**





## CONTACT US FOR MORE INFORMATION

Contact MCC's Office of Community Outreach and Engagement Team for help with:



Understanding catchment area data



Identifying patients and/or community members to serve as stakeholders on a grant



Learning about the community members and organizations that collaborate with the office



Facilitating connections to community-based organizations and residents for recruitment onto population-level studies



Determining the appropriate monetary compensation for stakeholder engagement in research



Community-engaged terminology (CEnR) for research proposals



Designing study materials that are culturally, linguistically, and literacy level appropriate for the target community



Analyzing and/or visualizing catchment area data for specific cancers for presentations and grants

**Email:** [meyercancercoe@med.cornell.edu](mailto:meyercancercoe@med.cornell.edu)

**Visit:** <https://meyercancer.weill.cornell.edu/community>